



# **Configuring Avaya Breeze<sup>®</sup> platform with an Independent System Manager**

Release 3.9  
Issue 2  
February 2024

# Notices

© 2026 Avaya LLC. All Rights Reserved.

You may, at your own risk, assemble a MyDocs collection solely for your own internal business purposes, which constitutes a modification to the original published version of the publications. Avaya shall not be responsible for any modifications, additions, or deletions to the original published version of publications. You agree to defend, indemnify and hold harmless Avaya, Avaya's agents, servants and employees against all claims, lawsuits, demands and judgments arising out of, or in connection with, your modifications, additions or deletions to the publications.

A single topic or a collection of topics may come from multiple Avaya publications. All of the content in your collection is subject to the legal notices and disclaimers in the publications from which you assembled the collection. For information on licenses and license types, trademarks, and regulatory statements, see the original publications from which you copied the topics in your collection.

Except where expressly stated by Avaya otherwise, no use should be made of materials provided by Avaya on this site. All content on this site and the publications provided by Avaya including the selection, arrangement and design of the content is owned by Avaya and/or its licensors and is protected by copyright and other intellectual property laws including the sui generis rights relating to the protection of databases. Avaya owns all right, title and interest to any modifications, additions or deletions to the content in the Avaya publications.

## Notice

While reasonable efforts have been made to ensure that the information in this document is complete and accurate at the time of printing, Avaya assumes no liability for any errors. Avaya reserves the right to make changes and corrections to the information in this document without the obligation to notify any person or organization of such changes.

## Documentation disclaimer

"Documentation" means information published in varying media which may include product information, subscription or service descriptions, operating instructions and performance specifications that are generally made available to users of products. Documentation does not include marketing materials. Avaya shall not be responsible for any modifications, additions, or deletions to the original published version of Documentation unless such modifications, additions, or deletions were performed by or on the express behalf of Avaya. End user agrees to indemnify and hold harmless Avaya, Avaya's agents, servants and employees against all claims, lawsuits, demands and judgments arising out of, or in connection with, subsequent modifications, additions or deletions to this documentation, to the extent made by End user.

## Link disclaimer

Avaya is not responsible for the contents or reliability of any linked websites referenced within this site or Documentation provided by Avaya. Avaya is not responsible for the accuracy of any information, statement or content provided on these sites and does not necessarily endorse the products, services, or information described or offered within them. Avaya does not guarantee that these links will work all the time and has no control over the availability of the linked pages.

## Warranty

Avaya provides a limited warranty on Avaya hardware and software. Please refer to your agreement with Avaya to establish the terms of the limited warranty. In addition, Avaya's standard warranty language as well as information regarding support for this product while under warranty is available to Avaya customers and other parties through the Avaya Support website: <https://support.avaya.com/helpcenter/getGenericDetails?detailId=C20091120112456651010> under the link "Warranty & Product Lifecycle" or such successor site as designated by Avaya. Please note that if the product(s) was purchased from an authorized Avaya channel partner outside of the United States and Canada, the warranty is provided by said Avaya Channel Partner and not by Avaya.

"Hosted Service" means an Avaya hosted service subscription that You acquire from either Avaya or an authorized Avaya Channel Partner (as applicable) and which is described further in Hosted SAS or other service description documentation regarding the applicable hosted service. If You purchase a Hosted Service subscription, the foregoing limited warranty may not apply but You may be entitled to support services in connection with the Hosted Service as described further in your service description documents for the applicable Hosted Service. Contact Avaya or Avaya Channel Partner (as applicable) for more information.

## Hosted Service

THE FOLLOWING APPLIES ONLY IF YOU PURCHASE AN AVAYA HOSTED SERVICE SUBSCRIPTION FROM AVAYA OR AN AVAYA CHANNEL PARTNER (AS APPLICABLE). THE TERMS OF USE FOR HOSTED SERVICES ARE AVAILABLE ON THE AVAYA WEBSITE, [HTTPS://SUPPORT.AVAYA.COM/LICENSEINFO](https://support.avaya.com/licenseinfo) UNDER THE LINK "Avaya Terms of Use for Hosted Services" OR SUCH SUCCESSOR SITE AS DESIGNATED BY AVAYA, AND ARE APPLICABLE TO ANYONE WHO ACCESSES OR USES THE HOSTED SERVICE. BY ACCESSING OR USING THE HOSTED SERVICE, OR AUTHORIZING OTHERS TO DO SO, YOU, ON BEHALF OF YOURSELF AND THE ENTITY FOR WHOM YOU ARE DOING SO (HEREINAFTER REFERRED TO INTERCHANGEABLY AS "YOU" AND "END USER"), AGREE TO THE TERMS OF USE. IF YOU ARE ACCEPTING THE TERMS OF USE ON BEHALF A COMPANY OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THESE

TERMS OF USE. IF YOU DO NOT HAVE SUCH AUTHORITY, OR IF YOU DO NOT WISH TO ACCEPT THESE TERMS OF USE, YOU MUST NOT ACCESS OR USE THE HOSTED SERVICE OR AUTHORIZE ANYONE TO ACCESS OR USE THE HOSTED SERVICE.

## Licenses

The Global Software License Terms ("Software License Terms") are available on the following website <https://www.avaya.com/en/legal-license-terms/> or any successor site as designated by Avaya. These Software License Terms are applicable to anyone who installs, downloads, and/or uses Software and/or Documentation. By installing, downloading or using the Software, or authorizing others to do so, the end user agrees that the Software License Terms create a binding contract between them and Avaya. In case the end user is accepting these Software License Terms on behalf of a company or other legal entity, the end user represents that it has the authority to bind such entity to these Software License Terms.

## Copyright

Except where expressly stated otherwise, no use should be made of materials on this site, the Documentation, Software, Hosted Service, or hardware provided by Avaya. All content on this site, the documentation, Hosted Service, and the product provided by Avaya including the selection, arrangement and design of the content is owned either by Avaya or its licensors and is protected by copyright and other intellectual property laws including the sui generis rights relating to the protection of databases. You may not modify, copy, reproduce, republish, upload, post, transmit or distribute in any way any content, in whole or in part, including any code and software unless expressly authorized by Avaya. Unauthorized reproduction, transmission, dissemination, storage, or use without the express written consent of Avaya can be a criminal, as well as a civil offense under the applicable law.

## Virtualization

The following applies if the product is deployed on a virtual machine. Each product has its own ordering code and license types. Unless otherwise stated, each Instance of a product must be separately licensed and ordered. For example, if the end user customer or Avaya Channel Partner would like to install two Instances of the same type of products, then two products of that type must be ordered.

## Third Party Components

The following applies only if the H.264 (AVC) codec is distributed with the product. THIS PRODUCT IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL USE OF A CONSUMER OR OTHER USES IN WHICH IT DOES NOT RECEIVE REMUNERATION TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD ("AVC VIDEO") AND/OR (ii) DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE [HTTP://WWW.MPEGLA.COM](http://www.mpegla.com).

## Service Provider

WITH RESPECT TO CODECS, IF THE AVAYA CHANNEL PARTNER IS HOSTING ANY PRODUCTS THAT USE OR EMBED THE H.264 CODEC OR H.265 CODEC, THE AVAYA CHANNEL PARTNER ACKNOWLEDGES AND AGREES THE AVAYA CHANNEL PARTNER IS RESPONSIBLE FOR ANY AND ALL RELATED FEES AND/OR ROYALTIES. THE H.264 (AVC) CODEC IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL USE OF A CONSUMER OR OTHER USES IN WHICH IT DOES NOT RECEIVE REMUNERATION TO: (i) ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD ("AVC VIDEO") AND/OR (ii) DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION FOR H.264 (AVC) AND H.265 (HEVC) CODECS MAY BE OBTAINED FROM MPEG LA, L.L.C. SEE [HTTP://WWW.MPEGLA.COM](http://www.mpegla.com).

## **Compliance with Laws**

You acknowledge and agree that it is Your responsibility to comply with any applicable laws and regulations, including, but not limited to laws and regulations related to call recording, data privacy, intellectual property, trade secret, fraud, and music performance rights, in the country or territory where the Avaya product is used.

## **Preventing Toll Fraud**

“Toll Fraud” is the unauthorized use of your telecommunications system by an unauthorized party (for example, a person who is not a corporate employee, agent, subcontractor, or is not working on your company's behalf). Be aware that there can be a risk of Toll Fraud associated with your system and that, if Toll Fraud occurs, it can result in substantial additional charges for your telecommunications services.

## **Avaya Toll Fraud intervention**

If You suspect that You are being victimized by Toll Fraud and You need technical assistance or support, please contact your Avaya Sales Representative.

## **Security Vulnerabilities**

Information about Avaya's security support policies can be found in the Security Policies and Support section of <https://support.avaya.com/security>.

Suspected Avaya product security vulnerabilities are handled per the Avaya Product Security Support Flow (<https://support.avaya.com/css/P8/documents/100161515>).

## **Trademarks**

The trademarks, logos and service marks (“Marks”) displayed in this site, the Documentation, Hosted Service(s), and product(s) provided by Avaya are the registered or unregistered Marks of Avaya, its affiliates, its licensors, its suppliers, or other third parties. Users are not permitted to use such Marks without prior written consent from Avaya or such third party which may own the Mark. Nothing contained in this site, the Documentation, Hosted Service(s) and product(s) should be construed as granting, by implication, estoppel, or otherwise, any license or right in and to the Marks without the express written permission of Avaya or the applicable third party.

Avaya is a registered trademark of Avaya LLC.

All non-Avaya trademarks are the property of their respective owners.

Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

## **Downloading Documentation**

For the most current versions of Documentation, see the Avaya Support website: <https://support.avaya.com>, or such successor site as designated by Avaya.

## **Contact Avaya Support**

See the Avaya Support website: <https://support.avaya.com> for Product or Cloud Service notices and articles, or to report a problem with your Avaya Product or Cloud Service. For a list of support telephone numbers and contact addresses, go to the Avaya Support website: <https://support.avaya.com> (or such successor site as designated by Avaya), scroll to the bottom of the page, and select Contact Avaya Support.

# Contents

<b>Chapter 1: Introduction</b> .....	6
Purpose.....	6
Terminology.....	7
Supported versions.....	7
Prerequisites.....	7
Change history.....	8
<b>Chapter 2: Overview</b> .....	9
Avaya Aura® System Manager compatibility.....	9
<b>Chapter 3: Configuration process</b> .....	11
Configuration checklist.....	11
<b>Chapter 4: Avaya Breeze® platform System Manager administration</b> .....	14
Licensing the Avaya Aura® Media Server.....	14
Installing the Avaya Aura® Media Server license file.....	15
Installing the Avaya Breeze® platform license file.....	15
Creating a virtual Session Manager SIP entity.....	16
Administering an Avaya Breeze® platform SIP Entity.....	16
Administering an Avaya Breeze® platform instance.....	17
Creating a new cluster.....	18
Verifying the TLS version.....	21
Accepting new service.....	21
Verifying the management link.....	22
<b>Chapter 5: Avaya Aura System Manager administration</b> .....	23
Administering an Avaya Breeze® platform SIP entity.....	23
Enabling implicit users applications for SIP users.....	24
<b>Chapter 6: Avaya Aura® Media Server administration</b> .....	25
Adding the System Manager IP address.....	25
Administering Avaya Aura® Media Server for REST.....	26
Assigning Avaya Aura® Media Server for use with Avaya Breeze® platform.....	28
SIPS and SRTP on Avaya Aura® Media Server.....	28
Enabling and configuring digit relay settings.....	29
<b>Chapter 7: Certificate management description</b> .....	31
Installing the Avaya Aura® System Manager certificate on Avaya Breeze® platform.....	31
Installing the Avaya Breeze® platform System Manager certificate on Session Manager.....	32
Installing the System Manager certificate on Avaya Aura® Media Server.....	33
Verifying the Avaya Breeze® platform entity link connection.....	34
Verifying replication status.....	35
<b>Chapter 8: Sample routing configuration</b> .....	36
Creating an application and application sequence.....	36
Creating an implicit user rule.....	37

Creating a service profile.....	38
Assigning a service profile to implicit users.....	39
<b>Chapter 9: Upgrading an independent System Manager configuration.....</b>	<b>41</b>
Upgrade checklist.....	41
<b>Chapter 10: Additional information.....</b>	<b>43</b>
Documentation.....	43
Finding documents on the Avaya Support website.....	46
Avaya Documentation Center navigation.....	46
Training.....	47
Avaya Breeze® platform videos.....	48
Viewing Avaya Mentor videos.....	49
Developer resources.....	49
Support.....	50
Using the Avaya InSite Knowledge Base.....	50

# Chapter 1: Introduction

---

## Purpose

This document describes how to configure one or more Avaya Breeze® platform nodes in a SIP telephony network with a System Manager that is independent from the System Manager that controls Avaya Aura® components.

This configuration allows you to:

- Access Avaya Breeze® platform snap-ins without upgrading your Session Manager or Avaya Aura® Communication Manager. You can run different versions of System Manager for Avaya Aura® and Avaya Breeze® platform. You can also run different versions of System Manager for each independently managed Avaya Breeze® platform cluster.
- Manage different Avaya Breeze® platform clusters with different, independent System Manager instances. These may be independent of each other and independent of the System Manager that controls Avaya Aura® components. Currently, response times on a System Manager begin to slow down when the number of managed Avaya Breeze® platform nodes exceeds its documented limit. By installing more System Manager instances, you can increase the number of Avaya Breeze® platform nodes that can be managed.
- Isolate management of Avaya Breeze® platform clusters to different sets of administrators than those for Avaya Aura®. For example, you can route calls for subsets of users through an Avaya Breeze® platform cluster in a lab for trials without allowing access to the Avaya Aura® production system.

In this configuration, an “Avaya Aura® System Manager” manages Session Manager and Avaya Aura® Communication Manager.

The “Avaya Breeze® platform System Manager” manages Avaya Breeze® platform. You can have multiple Avaya Breeze® platform System Manager instances if you want to independently manage Avaya Breeze® platform clusters.

Avaya Aura® Media Server instances that are used by Avaya Breeze® platform are provisioned on the System Manager that manages a particular Avaya Breeze® platform node. Avaya Aura® Media Server instances that are used by Avaya Aura® Communication Manager are provisioned on the System Manager that manages Avaya Aura®. In this configuration, each System Manager that performs media processing must have a dedicated Avaya Aura® Media Server.

For SIP signalling:

- Each Avaya Breeze® platform System Manager must have a set of "virtual" Avaya Aura® Session Manager SIP entities

- Each Avaya Aura<sup>®</sup> System Manager that manages Avaya Aura<sup>®</sup> Session Manager must have a set of "virtual" Avaya Breeze<sup>®</sup> platform SIP entities

This document is intended for people who install and configure Avaya Breeze<sup>®</sup> platform at a customer site.

### Related links

[Terminology](#) on page 7

[Supported versions](#) on page 7

[Prerequisites](#) on page 7

[Change history](#) on page 8

## Terminology

Term	Definition
Avaya Aura <sup>®</sup> System Manager	System Manager Release 6.3 or higher that controls Avaya Aura <sup>®</sup> Release 6.3 or higher components, including Session Manager and Avaya Aura <sup>®</sup> Communication Manager.
Avaya Breeze <sup>®</sup> platform System Manager	System Manager that controls Avaya Breeze <sup>®</sup> platform and its snap-ins. See <a href="#">Avaya Aura System Manager compatibility</a> on page 9.

### Related links

[Purpose](#) on page 6

## Supported versions

The following minimum versions have been tested for this configuration and are supported for it.

Component	Version
Avaya Aura <sup>®</sup> Communication Manager	6.3.18 (SP16)
Avaya Aura <sup>®</sup> Session Manager	6.3.18
Avaya Aura <sup>®</sup> System Manager	6.3.18
Avaya Aura <sup>®</sup> Media Server	8.0.2
Avaya Breeze <sup>®</sup> platform	3.8

### Related links

[Purpose](#) on page 6

## Prerequisites

Complete the following steps before beginning the procedures described in this document.

- For the Avaya Breeze<sup>®</sup> platform System Manager, deploy or upgrade to System Manager Release 8.0.1.2, 8.1.3 or 10.1. See [Avaya Aura System Manager compatibility](#) on page 9.

For more information about deploying System Manager, see *Deploying Avaya Aura® System Manager*.

- If running System Manager Release 8.0.1.2, you must install the Avaya Breeze® platform Element Manager using the `upgradeSolution` utility from the latest System Manager hot fix. See [Deploying Avaya Breeze® platform](#).
- Deploy the Avaya Aura® Media Server OVA or upgrade to Avaya Aura® Media Server Release 8.0.x. For more information, see [Deploying Avaya Breeze® platform](#).
  - For certificate management, your Avaya Aura® Media Server must be registered in DNS. If you do not use DNS, contact Avaya support for assistance.
- Deploy the Avaya Breeze® platform OVA or upgrade to Avaya Breeze® platform Release 3.9. For more information, see [Deploying Avaya Breeze® platform](#).

**!** **Important:**

- To configure Avaya Breeze® platform on the Avaya Breeze® platform System Manager, you must use the procedures in this document. Do not follow the procedures in [Deploying Avaya Breeze® platform](#).
- For certificate management, your Avaya Breeze® platform must be registered in DNS. If you do not use DNS, contact Avaya support for assistance.

**Related links**

[Purpose](#) on page 6

## Change history

Issue	Date	Summary of changes
1	January 2024	• Update for Avaya Breeze® platform R3.9.
2	February 2024	• Corrections to web links to other Avaya Breeze® platform documents.

# Chapter 2: Overview

To use Avaya Breeze® platform with an independent System Manager, you must:

- Add one or more System Manager R8.0.1.2, R8.1.3 or R10.1 instances into your environment as the Avaya Breeze® platform System Manager. See [Avaya Aura System Manager compatibility](#) on page 9.
  - If running System Manager Release 8.0.1.2, you must install the Avaya Breeze® platform Element Manager using the `upgradeSolution` utility from the latest System Manager hot fix. See [Deploying Avaya Breeze® platform](#).
- Administer the Avaya Breeze® platform nodes on this System Manager.
- Configure the Avaya Aura® System Manager to place and route calls to the Avaya Breeze® platform nodes by way of Session Manager.

This gives calls from an Avaya Aura® system managed by a different System Manager access to Avaya Breeze® platform snap-ins.

## Not supported

The following features and functions are not supported in this configuration:

- Engagement Call Control solution.
- userData DAO – Snap-ins will have no programmatic access to user data configured on the older System Manager.
- Authorization Service – The independent Avaya Breeze® platform System Manager has no comm profile/Communication Manager data. If there is a requirement for authenticating users, snap-ins can still get access tokens, but the tokens will not have any user-specific data apart from the user-id.

## Related links

[Avaya Aura System Manager compatibility](#) on page 9

---

## Avaya Aura® System Manager compatibility

The Avaya Breeze® platform can be deployed with System Manager R10.1.2.x, R10.1.3.x or R10.2.

System Manager	Notes
<b>pre-R10.1.2</b>	<ul style="list-style-type: none"> <li>If you are running System Manager Release 8.0.x, update to Release 10.1.2 or higher with the latest published hot fix from <a href="https://support.avaya.com">https://support.avaya.com</a>.</li> </ul>
<b>R8.0.1.2</b>	<p>If running System Manager Release 8.0.1.2, you must install the Avaya Breeze® platform Element Manager using the <code>upgradeSolution</code> utility from the latest System Manager hot fix. See <a href="#">Deploying Avaya Breeze® platform</a>.</p> <ul style="list-style-type: none"> <li>When you have applied the latest Avaya Breeze® platform Element Manager to System Manager Release 8.0.1.2, subsequent integrated patches and hot fixes leave the Element Manager intact and no further action is required to work with Avaya Breeze® platform 3.9.x.</li> </ul> <p>If you are running System Manager Release 10.1.x, you must update your system to Release 8.1.3 with the latest published hot fix from <a href="https://support.avaya.com">https://support.avaya.com</a></p>
<b>R10.1.3.2/R10.2</b>	These releases already contain the latest Avaya Breeze® platform Element Manager.

**Related links**

[Overview](#) on page 9

# Chapter 3: Configuration process

## Configuration checklist

Complete the tasks in this checklist to deploy Avaya Breeze® platform with an independent Avaya Aura® System Manager.

No.	Task	Reference/Notes	✓
1.	Verify that the Avaya Breeze® platform System Manager is deployed and administered with patches applied.	For the Avaya Breeze® platform System Manager, deploy or upgrade to System Manager Release 8.0.1.2, 8.1.3 or 10.1. See <a href="#">Avaya Aura System Manager compatibility</a> on page 9.  Deploy additional System Manager instances to independently manage different Avaya Breeze® platform clusters if desired.	
2.	Deploy the Avaya Breeze® platform OVA, providing the Avaya Breeze® platform System Manager IP address when needed.	Follow the OVA deployment procedures in <a href="#">Deploying Avaya Breeze® platform</a> .  <b>! Important:</b>  For Avaya Breeze® platform System Manager deployment administration, see the procedures in this document. Do not follow the procedures in <a href="#">Deploying Avaya Breeze® platform</a> .	
3.	Deploy the Avaya Aura® Media Server OVA.	Follow the Avaya Aura® Media Server OVA deployment procedures in <a href="#">Deploying Avaya Breeze® platform</a> .	
On each Avaya Breeze® platform System Manager complete the following tasks.			
4.	Install the Avaya Aura® Media Server license file.	See <a href="#">Licensing the Avaya Aura Media Server</a> on page 14 and <a href="#">Installing the Avaya Aura Media Server license file</a> on page 15	
5.	Install the Avaya Breeze® platform license file.	See <a href="#">Installing the Avaya Breeze platform license file</a> on page 15	
6.	Create a virtual Session Manager SIP entity.	See <a href="#">Creating a virtual Session Manager SIP entity</a> on page 16	

Table continues...

No.	Task	Reference/Notes	✓
7.	Create Avaya Breeze® platform SIP entities and entity links for each Avaya Breeze® platform node.	See <a href="#">Administering an Avaya Breeze platform SIP Entity</a> on page 16	
8.	Administer an Avaya Breeze® platform instance for each node.	See <a href="#">Administering an Avaya Breeze platform instance</a> on page 17	
9.	Create a new cluster, add Avaya Breeze® platform instances, and install snap-ins.	See <a href="#">Creating a new cluster</a> on page 18	
10.	Verify TLS version support.	See <a href="#">Verifying the TLS version</a> on page 21	
11.	Put the cluster in service.	See <a href="#">Accepting new service</a> on page 21	
12.	Verify the management link for each Avaya Breeze® platform instance.	See <a href="#">Verifying the management link</a> on page 22	
On the Avaya Aura® System Manager complete the following tasks. These steps are required only if you intend to route SIP calls to the separately managed Avaya Breeze® platform cluster.			
13.	Create a virtual Avaya Breeze® SIP entity and entity links for each Avaya Breeze® platform node to connect with Session Manager.	See <a href="#">Administering an Avaya Breeze platform SIP entity</a> on page 23	
14.	Enable implicit user applications for SIP users.	See <a href="#">Enabling implicit users applications for SIP users</a> on page 24	
Complete the following steps on the Avaya Aura® Media Server. These steps are required only if you intend to support media operations on SIP calls with the separately managed Avaya Breeze® platform cluster. If SIP calls or media operations are not supported, the Avaya Breeze® platform cluster does not require an associated Avaya Aura® Media Server.			
15.	Add the Avaya Breeze® platform System Manager IP address.	See <a href="#">Adding the System Manager IP address</a> on page 25	
16.	Administer Avaya Aura® Media Server for REST.	See <a href="#">Administering Avaya Aura Media Server for REST</a> on page 26  Avaya Aura® Media Server must be enrolled on System Manager. For more information, see System Manager enrollment information in <i>Implementing and Administering Avaya Aura® Media Server</i> .	
17.	Assign Avaya Aura® Media Server for use with Avaya Breeze® platform.	See <a href="#">Assigning Avaya Aura Media Server for use with Avaya Breeze platform</a> on page 28  Complete this task on the new System Manager.	
18.	Administer SIPS and SRTP.	See <a href="#">SIPS and SRTP on Avaya Aura Media Server</a> on page 28	
19.	Enable and configure digit relay settings.	See <a href="#">Enabling and configuring digit relay settings</a> on page 29	

Table continues...

No.	Task	Reference/Notes	✓
Complete the following steps for certificate management among the components. These steps are required only if you intend to route SIP calls to the separately managed Avaya Breeze® platform cluster.			
20.	Install the Avaya Aura® System Manager Root CA certificate on each Avaya Breeze® platform node. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	See <a href="#">Installing the Avaya Aura System Manager certificate on Avaya Breeze platform</a> on page 31	
21.	Install the Avaya Breeze® platform System Manager Root CA certificate on Session Manager. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	See <a href="#">Installing the Avaya Breeze platform System Manager certificate on Session Manager</a> on page 32	
22.	Install the Avaya Aura® System Manager Root CA certificate on Avaya Aura® Media Server. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	See <a href="#">Installing the System Manager certificate on Avaya Aura Media Server</a> on page 33	
23.	Verify the Entity Link Connection for each Avaya Breeze® platform instance.	See <a href="#">Verifying the Avaya Breeze platform entity link connection</a> on page 34	
24.	Verify replication status for each Avaya Breeze® platform instance.	See <a href="#">Verifying replication status</a> on page 35	
Complete the following steps to create a sample routing configuration. These steps are required only if you intend to route SIP calls to the separately managed Avaya Breeze® platform cluster.			
25.	On the Avaya Aura® System Manager, create a new application and application sequence.	See <a href="#">Creating an application and application sequence</a> on page 36	
26.	On the Avaya Aura® System Manager, create a new Implicit User Pattern.	See <a href="#">Creating an implicit user rule</a> on page 37	
27.	On the Avaya Breeze® platform System Manager, create a new Service Profile and add desired snap-ins to the profile.	See <a href="#">Creating a service profile</a> on page 38	
28.	On the Avaya Breeze® platform System Manager, create a new Implicit User Profile and assign the Service Profile to it.	See <a href="#">Assigning a service profile to implicit users</a> on page 39	
29.	In a system with multiple Avaya Breeze® platform nodes, administer SIP High Availability (HA) on the Avaya Aura® System Manager.	For more information, see HA administration content in <a href="#">Deploying Avaya Breeze® platform</a> .	

# Chapter 4: Avaya Breeze<sup>®</sup> platform System Manager administration

## Related links

- [Licensing the Avaya Aura Media Server](#) on page 14
- [Installing the Avaya Aura Media Server license file](#) on page 15
- [Installing the Avaya Breeze platform license file](#) on page 15
- [Creating a virtual Session Manager SIP entity](#) on page 16
- [Administering an Avaya Breeze platform SIP Entity](#) on page 16
- [Administering an Avaya Breeze platform instance](#) on page 17
- [Creating a new cluster](#) on page 18
- [Verifying the TLS version](#) on page 21
- [Accepting new service](#) on page 21
- [Verifying the management link](#) on page 22

---

## Licensing the Avaya Aura<sup>®</sup> Media Server

### About this task

The license file installed on the System Manager WebLM and Avaya Aura<sup>®</sup> Media Server gets the license from System Manager WebLM.

#### Note:

- In accordance with the Avaya End User License Agreement (EULA) you can only administer the number of Avaya Aura<sup>®</sup> Media Server instances allowed by your Media Server license. For more information, see *Implementing and Administering Avaya Aura<sup>®</sup> Media Server*.

### Procedure

1. Get the Avaya Aura<sup>®</sup> Media Server license from PLDS.
2. Install the Avaya Aura<sup>®</sup> Media Server license file on System Manager WebLM.
3. To configure Avaya Aura<sup>®</sup> Media Server with the System Manager WebLM IP address, perform the following steps:
  - a. Navigate to **Licensing > General Settings**.

- b. From the **Licensing** drop-down list, select **WebLM Server**.
- c. Enter the address of the **WebLM Server** that you plan to use in the **Server Host Name or IP Address** field.
- d. Enter the port to use with the **WebLM Server** in the **Server Port** field.
- e. Enter the URL suffix used to identify the **WebLM Server**. The default URL suffix is /  
WebLM/LicenseServer.
- f. In the **License Details** , set the **Maximum Number** and **Minimum Number** based on the number of sessions the cluster supports.
- g. Click **Save**.

#### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Installing the Avaya Aura® Media Server license file

### Procedure

1. On the System Manager web console, click **Services > Licenses**.
2. Click **Install license** and **Browse** to the location of the Avaya Breeze® platform license file on your computer.
3. Click **Install**.

#### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Installing the Avaya Breeze® platform license file

### Procedure

1. On the System Manager web console, click **Services > Licenses**.
2. Click **Install license** and **Browse** to the location of the Avaya Breeze® platform license file on your computer.
3. Click **Install**.

#### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Creating a virtual Session Manager SIP entity

### Before you begin

Get the IP address of the Session Manager Security Module interface and the SIP Entity name.

### About this task

Complete this task to administer Session Manager as a SIP entity on the Avaya Breeze® platform System Manager to act as a pointer to the Session Manager SIP entity on the Avaya Aura® System Manager.

### Procedure

1. On System Manager, click **Elements > Routing > SIP Entities** and click **New**.
2. In the **Name** field, type the name of your SIP entity.
3. In the **FQDN or IP Address** field, type the IP address of your Session Manager Security Module.
4. In the **Type** field, click **Session Manager**.
5. Click **Commit** to save your changes.
6. Repeat this procedure for each Session Manager administered on the Avaya Aura® System Manager.

### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Administering an Avaya Breeze® platform SIP Entity

### Before you begin

Get the IP address of the Avaya Breeze® platform Security Module interface and the SIP Entity name.

### About this task

Administer Avaya Breeze® platform as a SIP Entity so that you can configure Session Manager to route traffic through Avaya Breeze® platform. Create an Entity Link to connect Session Manager to Avaya Breeze® platform. You must administer separate Entity Links for Avaya Breeze® platform nodes to open SIP listeners on the designated ports.

### Note:

This procedure assumes you are using the TLS protocol. TLS is the recommended protocol for production environments since it is secure and encrypted. Should the need arise to take a network trace between Session Manager and Avaya Breeze® platform, change the protocol to TCP. If this is a production environment, change the protocol back to TLS as soon as the trace is complete.

## Procedure

1. On System Manager, click **Elements > Routing > SIP Entities** and click **New**.
2. In the **Name** field, type the name of your SIP Entity.  
The SIP Entity name is automatically used as your Avaya Breeze® platform instance name when you create the Avaya Breeze® platform instance.
3. In the **FQDN or IP Address** field, type the IP address of your Avaya Breeze® platform Security Module.
4. From the **Type** drop-down menu, select `Avaya Breeze`.
5. From the **Loop Detection Mode** drop-down menu, select `Off`.
6. From the **SIP Link Monitoring** drop-down menu, select `Link Monitoring Enabled`.
7. Under Entity Links, click **Add**.
8. For SIP Entity 1, select the virtual Session Manager SIP Entity you created.
9. Click **Commit** to save your changes.

## Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

# Administering an Avaya Breeze® platform instance

## About this task

You can create and administer the number of Avaya Breeze® platform instances allowed by the Avaya Breeze® platform license.

You set the FQDN of the Avaya Breeze® platform **Management Network Interface** to the same IP address you used when deploying the virtual machine.

System Manager supports HTTP Cookie based Single Sign On (SSO). To facilitate SSO between System Manager and Avaya Breeze® platform, the domain name component of Avaya Breeze® platform FQDN must match all or at least a part of the domain name of System Manager FQDN.

## Before you begin

Ensure that you have the following:

- The IPv4 address or the FQDN of the Avaya Breeze® platform **Management Network Interface**.
- (Optional) The IPv6 address or the FQDN of the Avaya Breeze® platform **Management Network Interface**. You must enter the IPv4 address even if administering an IPv6 address.

### Important:

During OVA deployments do not enter the IPv6 address, IPv6 network prefix, or IPv6 gateway for eth0 unless the latest Avaya Breeze® platform patches already have

been applied. For more information about configuring IPv6, see “Enabling IPv6 on the management interface of an Avaya Breeze platform server” in [Deploying Avaya Breeze® platform](#).

- An Avaya Breeze® platform management FQDN that is registered in DNS.
- The IPv4 or IPv6 address including the IPv4 network mask or IPv6 Network prefix length, and IPv4 or IPv6 default gateway for the Avaya Breeze® platform **Security Module**.
- The SIP entity name associated to the Avaya Breeze® platform **Security Module**.

## Procedure

1. In System Manager, click **Elements > Avaya Breeze® > Server Administration**.
2. In the Avaya Breeze® Server Instances list, click **New**.
3. In the **SIP Entity** field, click the SIP Entity that you created.
4. Ensure that the value in the **UCID Network Node ID** field is unique across the solution deployment so that it does not conflict with other UCID-generating entities such as Avaya Aura® Communication Manager or Avaya Experience Portal.

UCID Network Node ID is a unique, numeric node ID that is assigned to each Avaya Breeze® platform server provisioned.

The UCID Network Node ID must be unique across both System Manager instances.

5. In the Management Network Interface **FQDN or IPv4 Address** field, type the IP address or FQDN of the Avaya Breeze® platform **Management Network Interface**.
6. **(Optional)** In the Management Network Interface **FQDN or IPv6 Address** field, type the IPv6 address or FQDN of the Avaya Breeze® platform **Management Network Interface**.
7. In the Security Module fields, type the required addresses for the IPv4 or IPv6 SIP Entity Address, Network Mask or Network prefix length, and Default Gateway used for the SIP (Security Module) network.
8. Click **Commit** to save your changes.

The Commit fails if the Avaya Breeze® platform license file on WebLM does not have the sufficient capacity to allow addition of another Avaya Breeze® platform server.

## Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

# Creating a new cluster

## Before you begin

Load the required services or bundles for your cluster on the Service Management page on the New System Manager.

## About this task

Use the Cluster Editor page to:

- Select a cluster profile.
- Configure the cluster attributes.
- Add Avaya Breeze® platform servers to a cluster.
- Install snap-ins on a cluster.

You must set up user name and password for Avaya Aura® Media Server if basic authentication is used in Avaya Aura® Media Server administration.

See [Administering Avaya Breeze® platform](#) for information about additional available features.

### **Warning:**

Avaya Breeze® platform supports VMware HA, but different applications running on Avaya Breeze® platform may not. Refer to the application deployment guide before deploying Avaya Breeze® platform into an HA-enabled data center. For applications that do not support VMware HA, Avaya Breeze® platform itself can provide an HA solution if each node in a cluster is deployed on a different VMware host.

## Procedure

1. In System Manager, click **Elements > Avaya Breeze® > Cluster Administration**.
2. On the Cluster Administration page, click **New**.
3. On the Cluster Editor page, select the cluster profile of your choice.

### **Note:**

You must select a cluster profile to view the appropriate cluster attributes.

For example, select the general purpose cluster profile or a product specific cluster profile.

Refer to the snap-in reference documentation for the cluster profile appropriate for the use case being deployed.

4. Enter the cluster attributes for your cluster. You can edit the default cluster attributes the system displays.

The name and the IP address of a cluster must be unique.

You cannot edit all the cluster attributes. Some attributes are read-only.

### **Note:**

Do not assign a **Cluster IP** for a single-node cluster.

5. If you will be installing snap-ins that use the cluster database, select the **Enable Cluster Database** check box.

### **Note:**

If you attempt to install a snap-in using the cluster database on a cluster that has the **Enable Cluster Database** feature disabled, the installation will be blocked.

6. In the **Minimum TLS Version for SIP Call Traffic** field, specify the TLS version which will be used for SIP calls intercepting Avaya Breeze® platform.
7. In the **Minimum TLS Version for Non-SIP Call Traffic** field, specify the TLS version which will be applied for HTTP requests to Avaya Breeze® platform.
8. (Optional) Click the **Servers** tab to assign Avaya Breeze® platform servers to the cluster.

 **Important:**

Do not assign servers with different releases to the same cluster. All servers in the cluster should be running the same Avaya Breeze® platform version.

For more information on upgrading clusters, see [Upgrading Avaya Breeze® platform](#).

9. (Optional) Click the **Services** tab to assign snap-ins to this cluster.

When you assign snap-ins to a cluster, the highest version of the required snap-ins are automatically assigned to the cluster for installation. For the product specific cluster profiles, you must load the required snap-ins from the Service Management page before you install the snap-in.

In the **Select TLS Version for Selected Snap-in** field, select the TLS version of the snap-in:

- **Default**

If you select **Default**, the Avaya Breeze® platform uses the **Minimum TLS Version** field value set in the System Manager global configuration.

- **TLS v1.0**

- **TLS v1.2**

- **TLS v1.3**

Avaya recommends using TLS v1.3.

10. Click **Commit** to create the cluster.

The **Service Install Status** in the Cluster Administration page displays a green tick symbol after all the assigned snap-ins are successfully installed on all the servers in the cluster.

To view the Avaya Breeze® platform servers in the cluster, click **Show** in the **Details** column of the cluster. The system displays the members of the cluster, and the status of each instance in the cluster.

Click a specific Avaya Breeze® platform server to go to the Avaya Breeze® Instance Editor page. You can view and edit the properties of the Avaya Breeze® platform server from this page.

 **Note:**

When you administer a new Avaya Breeze® platform server, you must add the server to a cluster. If you do not add the Avaya Breeze® platform server to a cluster, you cannot install snap-ins on that server.

**Related links**

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Verifying the TLS version

**About this task**

Your Avaya Aura<sup>®</sup> System Manager may support TLS v1.0, v1.2 or v1.3. Check your Avaya Aura<sup>®</sup> System Manager documentation to determine which TLS version your System Manager supports. Use this procedure to verify that your Avaya Breeze<sup>®</sup> platform System Manager is administered for the correct TLS version.

**Procedure**

1. On the Avaya Breeze<sup>®</sup> platform System Manager under **Services**, select **Security > Configuration > Security Configuration**.
2. For the **Minimum TLS Version**, select the TLS version supported by your Avaya Aura<sup>®</sup> System Manager.
3. Click **Commit** to save your changes.

**Related links**

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Accepting new service

**About this task**

The steps for returning the server to service are different depending on if the server is being added to an existing in-service cluster or if it is being added as part of a new cluster. Follow the steps appropriate to your situation.

**Procedure**

1. In System Manager, click **Elements > Avaya Breeze<sup>®</sup> > Cluster Administration**.
2. Select a cluster and assign your Avaya Breeze<sup>®</sup> platform server to the cluster.
3. If this is a new cluster, put the cluster in service.
  - a. From the **Cluster State** drop-down menu, select **Accept New Service**.
  - b. Verify that the **Cluster State** column for the cluster changed to **Accepting**.
4. If you are adding the server to an existing cluster that is in service, accept service for the server.
  - a. On System Manager, click **Elements > Avaya Breeze<sup>®</sup> > Server Administration**.

- b. Click the checkbox in front of the new server.
- c. From the **System State** drop-down menu, select **Accept New Service**.
- d. Verify that the **System State** column for the server changed to **Accepting**.

#### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

---

## Verifying the management link

### Procedure

1. In System Manager, click **Elements** > **Avaya Breeze®** > **Server Administration**.
2. Check the **Tests Pass** column.
  - A green check mark indicates that the management link is up and healthy.
  - Dashes indicate that the management link is still initializing and is not up yet.
  - A red cross indicates that the management link is down.

For more information, see [Maintaining and Troubleshooting Avaya Breeze® platform](#).

#### Related links

[Avaya Breeze platform System Manager administration](#) on page 14

# Chapter 5: Avaya Aura System Manager administration

## Related links

[Administering an Avaya Breeze platform SIP entity](#) on page 23

[Enabling implicit users applications for SIP users](#) on page 24

---

## Administering an Avaya Breeze<sup>®</sup> platform SIP entity

### Before you begin

Get the IP address of the Avaya Breeze<sup>®</sup> platform Security Module interface and the SIP entity name.

### About this task

Administer a virtual Avaya Breeze<sup>®</sup> platform SIP entity and entity links for Session Manager to point to Avaya Breeze<sup>®</sup> platform nodes. Create an entity and links for each Avaya Breeze<sup>®</sup> platform node.

You must complete this procedure even if you do not intend to route SIP calls to the separately managed Avaya Breeze<sup>®</sup> platform cluster. The term SIP entity identifies the Avaya Breeze<sup>®</sup> platform traffic interface. On Avaya Breeze<sup>®</sup> platform, that traffic can be SIP, HTTP, or any other TCP/IP protocol, exclusively or mixed. On System Manager all are referred to as a SIP entity.

### Procedure

1. On the Avaya Aura<sup>®</sup> System Manager, click **Elements > Routing > SIP Entities**.
2. Click **New**.
3. In the **Name** field, type the name of your SIP entity.
4. In the **FQDN or IP Address** field, type the IP address of your Avaya Breeze<sup>®</sup> platform Security Module.
5. In the **Type** field, click `Avaya Breeze`.  
If your Avaya Aura<sup>®</sup> System Manager is a release prior to 7.0, click `Collaboration Environment`.
6. In **Entity Links**, click **Add**.

7. For SIP Entity 1, click the virtual Session Manager SIP entity that you created.
8. For SIP Entity 2, click the Avaya Breeze® platform SIP entity that you just created.
9. Click **Commit** to save your changes.

#### Related links

[Avaya Aura System Manager administration](#) on page 23

---

## Enabling implicit users applications for SIP users

### About this task

This procedure is required for calling-party and called-party snap-ins.

#### **Note:**

You must perform this procedure only once.

### Procedure

1. On System Manager, click **Elements > Session Manager > Global Settings**.
2. Select **Enable Implicit Users Applications for SIP users**.
3. Click **Commit**.

#### Related links

[Avaya Aura System Manager administration](#) on page 23

# Chapter 6: Avaya Aura<sup>®</sup> Media Server administration

## Related links

[Adding the System Manager IP address](#) on page 25

[Administering Avaya Aura Media Server for REST](#) on page 26

[Assigning Avaya Aura Media Server for use with Avaya Breeze platform](#) on page 28

[SIPS and SRTP on Avaya Aura Media Server](#) on page 28

[Enabling and configuring digit relay settings](#) on page 29

---

## Adding the System Manager IP address

### Procedure

1. Type `https://<fqdn>:8443/emlogin` in a Web browser.
2. Log on to the Avaya Aura<sup>®</sup> Media Server Element Manager interface using the customer login ID and password created when you deployed the OVA.

3. Navigate to **System Configuration > Network Settings > General Settings**.

## General Settings

This task allows administrators to view and modify network general settings.

The screenshot shows the SOAP configuration page with the following settings:

- Enable SOAP TLS Transport:  [Refresh] [Power]
- Force HTTP Requests to Loopback Interface Only When TLS Is Enabled:  [Refresh] [Power]
- Enable HTTP Digest Authentication:  [Refresh] [Power]
- HTTP Digest Authentication Domain:  [Refresh] [Power] (maximum: 128 characters)
- HTTP Digest Authentication User Name:  [Refresh] [Power] (maximum: 64 characters)
- HTTP Digest Authentication Password:  [Refresh] [Power] (maximum: 64 characters)
- Enable Trusted SOAP Nodes:  [Refresh]
- Trusted Nodes: 

[X]  
 [X]
- Server Private Key:  [Refresh] [Power] (maximum: 16384 characters)

4. In the **SOAP** section, **Trusted Nodes** field, type the IP address of the primary System Manager that is used to manage Avaya Breeze® platform. If this is a geo-redundant deployment, type the secondary System Manager IP addresses in the second text field in the Trusted Nodes box.
5. Click **Save** .
6. Repeat this procedure for each Avaya Aura® Media Server.

### Next steps

Configure announcements for services on each Avaya Aura® Media Server. For additional information, see *Media File Provisioning in Implementing and Administering Avaya Aura® Media Server*. All Media Servers must be configured with the same announcement files.

### Related links

[Avaya Aura Media Server administration](#) on page 25

---

## Administering Avaya Aura® Media Server for REST

### About this task

Use this procedure to configure Avaya Aura® Media Server to allow REST access using HTTP.

For more information, see *Implementing and Administering Avaya Aura® Media Server*.

## Before you begin

Avaya Aura® Media Server must be enrolled on System Manager. For additional information, see the System Manager enrollment section in *Implementing and Administering Avaya Aura® Media Server*.

## Procedure

1. Log on to the Avaya Aura® Media Server web console.
2. Navigate to **System Configuration > Signaling Protocols > REST > General Settings**.
3. To enable TLS for REST services, select the **Enable TLS Transport** check box.
4. To enable two-way authentication for an extra level of security, select the **Enable TLS Mutual Authentication** check box.
5. To use plaintext usernames and passwords, select **Basic Authentication**. Alternatively, to include an authentication realm and encrypt the credentials before sending them over the network, select **Digest Authentication**.
  - a. Enter the required username and password credentials in the **Authentication Username** and **Authentication Password** fields.
  - b. If you selected **Digest Authentication**, then enter the name of the required authentication realm in the **Authentication Realm** field.
6. Click **Save**.

Changes to the transport settings require a restart to take effect.
7. Navigate to **System Configuration > Network Settings > General Settings > Connection Security**.
8. Select the **Verify Host Name of TLS Client Connections** check box.
9. Click **Save**.
10. Navigate to **Security > Certificate Management > Key Store**.
11. Assign System Manager signed certificate to all service profiles.
12. Click **Save**.
13. Restart Avaya Aura® Media Server:
  - a. Navigate to **System Status > Element Status**.
  - b. Click **Restart**.

## Related links

[Avaya Aura Media Server administration](#) on page 25

---

## Assigning Avaya Aura® Media Server for use with Avaya Breeze® platform

### Procedure

1. In System Manager, click **Elements > Media Server > Application Assignment**.
2. Select the check box next to Avaya Breeze® platform, and click **Edit**.
3. Select the check box next to Avaya Aura® Media Server and click **Commit**.

The system can take up to two minutes to update Avaya Breeze® platform.

You cannot assign Avaya Aura® Media Server to multiple applications.

### Related links

[Avaya Aura Media Server administration](#) on page 25



---


## SIPS and SRTP on Avaya Aura® Media Server


The Secure Real Time Protocol (SRTP) administration is described in detail in the *Implementation and Administering Avaya Aura Media Server* document, specifically the topics on Configuring SIP general settings and Media security configuration. Refer to the Avaya Aura® Media Server Element Manager example below for interoperability with Avaya Aura.


The SIPS settings are found under **Home > System Configuration > Signaling Protocols > SIP > General Settings**.


⤴ SIP Settings


Answer Delay (rings):    (0 - 10)


Hide SIP User-Agent Header:  


SIP Hold Before Refer:  


Enable SIP UPDATE method:  


Enforce SIPS for security enforced calls:  

Use SIPS for best effort calls:  

Require SIPS for best effort calls:  

Use Contact Address For SIP REFER With Replaces:  

Enable GSID Handling:  

Use GSID as GSLID:  

The SRTP settings are found under **Home > System Configuration > Media Processing > Media Security**.

If you set the **Security Policy** field to **BEST EFFORT**, you must select the following fields in the SIP Settings section:

- **Enforce SIPS for security enforced calls**
- **Require SIPS for best effort calls**

#### Related links

[Avaya Aura Media Server administration](#) on page 25

---

## Enabling and configuring digit relay settings

### About this task

#### Note:

Controlling applications typically override AAMS configuration using templates and template control modifiers. Digit relay configuration changes and preferences must be configured first on the controlling application and not on Avaya Aura® MS. See documentation for the controlling application to determine if any Avaya Aura® MS changes are required.

Avaya Aura® MS uses digit relay settings and the order of the enabled relay methods when negotiating digit relay with a client endpoint. These settings apply for inbound or outbound sessions.

Avaya Aura® MS also supports in-band DTMF. The system defaults to this option if no other option is configured or negotiated by Avaya Aura® MS. The preferred method of digit transmission is RFC 2833.

Perform the following procedure to enable and configure the digit relay support on Avaya Aura® MS.

## Procedure

1. Navigate to **EM > System Configuration > Media Processing > Digit Relay (DTMF)**.

The screenshot shows the 'Digit Relay (DTMF)' configuration interface. It has a title bar 'Digit Relay (DTMF)'. Below it, there are two columns of lists. The left column is labeled 'Available:' and contains a single item 'INFO digits'. The right column is labeled 'Enabled:' and contains a single item 'RFC2833'. Between these two columns are several control buttons: 'Add', 'Add All', 'Remove', 'Up', and 'Down'. Below the 'Enabled:' list, there are two radio button options. The first is 'Assign RFC 2833 Format Type Dynamically', which is selected. The second is 'Specify Type: (99-126)', which has an empty text input field next to it. At the bottom right of the interface are 'Save' and 'Cancel' buttons.

2. On the Digit Relay (DTMF) page, select one or more methods from the **Available** list.
3. Click **Add** to move the methods to the **Enabled** list.
4. To change the priority rank of a method within the **Enabled** list, select a method and use the **Up** or **Down** buttons to move it within the list.
5. Choose the required payload type option:
  - If a dynamic payload type is required, select **Assign RFC 2833 Format Type Dynamically**.
  - If a fixed payload type is required, select **Specify Type**. In the **Specify Type** field, enter the value to use in the payload type field of the RTP header when transmitting RFC2833 encoded digits.
6. Click **Save**.

## Related links

[Avaya Aura Media Server administration](#) on page 25

# Chapter 7: Certificate management description

The elements managed by the Avaya Breeze<sup>®</sup> platform System Manager will have default certificates issued by the Avaya Breeze<sup>®</sup> platform System Manager CA. The elements managed by the Avaya Aura<sup>®</sup> System Manager will have certificates issued by the Avaya Aura<sup>®</sup> System Manager CA. For the various elements to trust each other, the CA from each System Manager must be added as a trusted CA certificate for elements managed by the other. To establish this trust, follow the procedures in this chapter . If you are using a third-party CA, install the certificate from that CA across all systems.

## Related links

[Installing the Avaya Aura System Manager certificate on Avaya Breeze platform](#) on page 31

[Installing the Avaya Breeze platform System Manager certificate on Session Manager](#) on page 32

[Installing the System Manager certificate on Avaya Aura Media Server](#) on page 33

[Verifying the Avaya Breeze platform entity link connection](#) on page 34

[Verifying replication status](#) on page 35

---

## Installing the Avaya Aura<sup>®</sup> System Manager certificate on Avaya Breeze<sup>®</sup> platform

### About this task

Use this procedure to install the certificate only for the TLS protocol. First you must download the Root CA certificate from the Avaya Aura<sup>®</sup> System Manager. Then you must install the Root CA certificate on each Avaya Breeze<sup>®</sup> platform node.

### Procedure

1. On the Avaya Aura<sup>®</sup> System Manager, click **Services > Security > Certificates > Authority**.
2. Do one of the following:
  - If your Avaya Aura<sup>®</sup> System Manager is release 7.1 or later, click **CA Structure & CRLs** and then click **Download pem file**.

- If your Avaya Aura<sup>®</sup> System Manager is an earlier release, click **Download pem file**.
- 3. On the Avaya Breeze<sup>®</sup> platform System Manager, click **Services > Inventory > Manage Elements**.
- 4. Select the check box in front of the Avaya Breeze<sup>®</sup> platform node.
- 5. In the **More Actions** menu, click **Manage Trusted Certificates**.
- 6. On the Trusted Certificates page, click **Add**.
- 7. Click **Import from file**, and navigate to the location where you saved the Root CA certificate.
- 8. Click **Open**.
- 9. When System Manager displays the certificate next to **Please select a file**, click **Retrieve Certificate**.  
The Certificate Details display.
- 10. Click **Commit**.  
The imported certificate displays in the Trusted Certificates list.
- 11. Click **Done**.
- 12. Download the certificate to each Avaya Breeze<sup>®</sup> platform node.

#### Related links

[Certificate management description](#) on page 31

---

## Installing the Avaya Breeze<sup>®</sup> platform System Manager certificate on Session Manager

### About this task

Use this procedure to install the certificate only for the TLS protocol. First you must download the Root CA certificate on the Avaya Breeze<sup>®</sup> platform System Manager. Then you must install the Root CA certificate on Session Manager.

### Procedure

1. On the Avaya Breeze<sup>®</sup> platform System Manager, in **Services**, click **Security > Certificates > Authority > CA Structures & CRLs**.
2. Click **Download pem file**.
3. On the Avaya Aura<sup>®</sup> System Manager, click **Services > Inventory > Manage Elements**.
4. Check the box in front of the Session Manager element.

5. Under the **More Actions** menu, do one of the following:
  - If your Avaya Aura® System Manager is release 7.1 or later, click **Manage Trusted Certificates**.
  - If your Avaya Aura® System Manager is an earlier release, click **Configure Trusted Certificates**.
6. On the Trusted Certificates page, click **Add**.
7. Click **Import from file**, and navigate to the location where you saved the Avaya Breeze® platform System Manager Root CA certificate.
8. Click **Open**.
9. When System Manager displays the certificate next to **Please select a file**, click **Retrieve Certificate**.  
The Certificate Details display.
10. Click **Commit**.  
The imported certificate displays in the Trusted Certificates list.
11. Click **Done**.

#### Related links

[Certificate management description](#) on page 31

---

## Installing the System Manager certificate on Avaya Aura® Media Server

### Before you begin

For this procedure use the System Manager certificate for the System Manager that manages the Avaya Breeze® platform node.

### Procedure

1. Navigate to **EM > Security > Certificate Management > Trust Store**.
2. Click **Import ...** on the Trust Store page.
3. Click **Browse...** and select the System Manager certificate.
4. Click **Upload**.
5. Verify the certificate information.
6. Enter a name in the **Trust friendly name** field for each certificate.
7. Click **Save**.
8. To restart the media server and apply the changes, click **Confirm**.  
To restart later, click **Cancel**.

## Related links

[Certificate management description](#) on page 31

---

# Verifying the Avaya Breeze® platform entity link connection

## About this task

Complete this task to verify that Session Manager can connect with Avaya Breeze® platform using the SIP entity link. To do this you must first verify the status of SIP link monitoring on the Session Manager instance.

The task verifies the link between Avaya Breeze® platform nodes and the virtual Session Manager entity you created.

## Procedure

1. Modify the Session Manager Instance.
  - a. On System Manager, click **Elements** > **Session Manager** > **Session Manager Administration**.
  - b. Select the Session Manager instance that you linked to Avaya Breeze® platform. Click **Edit**.
  - c. Check **Enable Monitoring** in the **Monitoring** section.
  - d. Click **Commit**.
2. Test the entity link.
  - a. On System Manager, click **Elements** > **Session Manager** > **System Status** > **SIP Entity Monitoring**.
  - b. Click the name of the Session Manager instance that you linked to Avaya Breeze® platform.

The system displays a list with the status of all the entity links for the selected Session Manager.
  - c. Locate the Avaya Breeze® platform SIP entity and check the **Conn. Status** column.
    - If you see **UP**, the link to Session Manager is successful.
    - If you do not see **UP**, for additional information, see *Avaya Breeze® platform FAQ and Troubleshooting for Service Developers*.

## Related links

[Certificate management description](#) on page 31

---

# Verifying replication status

## About this task

Complete this task to verify that the System Manager database has replicated to Avaya Breeze® platform.

This task verifies that the Avaya Breeze® platform nodes are registering and replicating correctly with the Avaya Breeze® platform System Manager.

## Procedure

1. In System Manager, click **Services > Replication**.
2. Locate the Avaya Breeze® platform in the **Replica Group** list.
3. In the **Synchronization Status** column, verify that the Avaya Breeze® platform status is Synchronized.
  - Depending on the amount of data, the replication might take some time to complete. Refresh the page or periodically recheck the status.
  - If the status is not Synchronized, for more information, see [Maintaining and Troubleshooting Avaya Breeze® platform](#).

## Related links

[Certificate management description](#) on page 31

# Chapter 8: Sample routing configuration

The following tasks configure a specific pattern that Avaya Aura<sup>®</sup> System Manager will use to determine when to route SIP calls to Avaya Breeze<sup>®</sup> platform.

1. On the Avaya Aura<sup>®</sup> System Manager:
  - a. Create an Application and Application Sequence used by Session Manager to route calls to Avaya Breeze<sup>®</sup> platform as represented by the virtual Avaya Breeze (or Collaboration Environment) SIP Entity.
  - b. Create an Implicit User Rule which determines which calls are routed to Avaya Breeze<sup>®</sup> platform.
2. On the Avaya Breeze<sup>®</sup> platform System Manager:
  - a. Create a Service Profile, which determines what snap-ins are accessed when a call routes to Avaya Breeze<sup>®</sup> platform.
  - b. Create an Implicit User Profile and assign it a Service Profile to determine which calls route to a Service Profile and access its associated snap-ins.

## Related links

[Creating an application and application sequence](#) on page 36

[Creating an implicit user rule](#) on page 37

[Creating a service profile](#) on page 38

[Assigning a service profile to implicit users](#) on page 39

---

## Creating an application and application sequence

### About this task

Create the application and application sequence on the Avaya Aura<sup>®</sup> System Manager. If you are using an Avaya Aura<sup>®</sup> System Manager release that is earlier than 7.1, steps for creating an application and application sequence might be slightly different. For more information, see the Avaya Breeze<sup>®</sup> platform documentation for your release.

Use this procedure to administer the Avaya Breeze<sup>®</sup> platform SIP entity or Avaya Breeze<sup>®</sup> platform HA cluster SIP entity as an application and then make that application part of an application sequence.

You create the application and application sequence only once per Avaya Breeze<sup>®</sup> platform SIP entity or Avaya Breeze<sup>®</sup> platform HA cluster SIP entity cluster. The application sequence is used

for routing calls to Avaya Breeze® platform by Session Manager using the implicit user pattern scope. If you already have an application and application sequence for Avaya Breeze® platform, you can skip this procedure.

## Procedure

1. On System Manager, click **Elements** > **Session Manager** > **Application Configuration** > **Applications**.
2. Click **New**.
3. Type the name for your application.  
For example, *Avaya Breeze*.
4. For the **SIP Entity**, select the Avaya Breeze® platform server where your snap-in resides.  
Select the virtual Avaya Breeze (or Collaboration Environment) SIP entity representing the Avaya Breeze® platform instance.  
The SIP entity might represent a SIP load balancing FQDN.  
For information about creating the SIP entity, see [Deploying Avaya Breeze® platform](#)
5. To save your changes, click **Commit**.
6. On the **Session Manager** menu under **Application Configuration**, click **Application Sequences** and click **New**.
7. Type the name of your new application sequence.  
For example, type *Avaya Breeze Application Sequence*.
8. In the list of **Available Applications** click **+** by the Avaya Breeze® platform application that you created.
9. If you do not want calls to fail when Avaya Breeze® platform is unavailable, uncheck the **Mandatory** check box. Session Manager stops processing a call if it cannot reach a mandatory application.
10. To save your application sequence, click **Commit**.

## Related links

[Sample routing configuration](#) on page 36

---

# Creating an implicit user rule

## About this task

Create the implicit user rule on the Avaya Aura® System Manager. The implicit user rule creates a numeric pattern that the Avaya Aura® System Manager monitors. When a call matches the pattern, the Avaya Aura® System Manager routes the call to Avaya Breeze® platform.

## Procedure

1. On the System Manager web console, click **Elements > Session Manager > Application Configuration > Implicit Users**.
2. Click **New**.
3. On the Implicit User Rule Editor page, enter the appropriate information.
4. Click **Commit**.

## Example

For example in the rule below, the Avaya Aura® System Manager will look for a four-digit pattern starting with 600x (6000–6009) in all configured SIP domains. Configure your Avaya Breeze® platform Test App for both originating and terminating application sequences. Any call originating from a station matching 600x or anyone calling a station matching 600x will route to the Avaya Breeze® platform node identified in the application sequence.

The screenshot shows the Avaya Aura System Manager web console interface. The browser address bar displays <https://10.138.57.134/SMGR/>. The page title is "Implicit User Rule Editor". The left sidebar contains a navigation menu with the following items: Session Manager, Dashboard, Session Manager Administration, Communication Profile Editor, Network Configuration, Device and Location Configuration, Application Configuration, Applications, Application Sequences, Conference Factories, Implicit Users, NRS Proxy Users, System Status, System Tools, and Performance. The main content area contains the "Implicit User Rule" form with the following fields and values:

- \*Pattern: 600x
- \*Min: 4
- \*Max: 4
- Description: Digit Description
- SIP Domain: -ALL-
- Origination Application Sequence: Breeze\_Test\_App
- Termination Application Sequence: Breeze\_Test\_App

Buttons for "Commit" and "Cancel" are located at the top right and bottom right of the form.

## Related links

[Sample routing configuration](#) on page 36

---

# Creating a service profile

## About this task

Create the service profile on the Avaya Breeze® platform System Manager.

## Procedure

1. In System Manager, click **Elements > Avaya Breeze®**.
2. In the navigation pane, click **Configuration > Service Profiles**.
3. Click **New**.
4. In the **Identity** section, enter a descriptive name for the service profile.
5. Optionally type a **Description** of the service profile.
6. In the **Available Service to Add to this Service Profile** list, complete one of the following steps.
  - To add the latest version of the service, click the **+** sign next to the **Name** of the service you want to add to the service profile.
  - To add an alternate version of the service, click **Advanced** next to the **Name** of the service you want to add to the service profile. From the **Service Version** drop-down menu, select the version you want.
7. Click **Commit** to save this service profile.

## Related links

[Sample routing configuration](#) on page 36

---

# Assigning a service profile to implicit users

## Before you begin

You must create the service profile before it can be assigned.

## About this task

Create the implicit user profile on the Avaya Breeze® platform System Manager. The implicit user profile rule determines which service profile System Manager applies to the matched pattern.

## Procedure

1. In System Manager, click **Elements > Avaya Breeze®**.
2. In the left navigation pane, click **Configuration > Implicit User Profiles**.
3. Click **New** to create a new rule, or select a pattern and click **Edit** to change an existing rule.
4. In the **Service Profile** field select the service profile for these users.
5. In the **Pattern** field specify the pattern as defined for the called or calling party number.
6. **(Optional)** Revise the **Min** and **Max** values for the number of digits from the pattern to match.

These fields auto-populate based on the pattern.

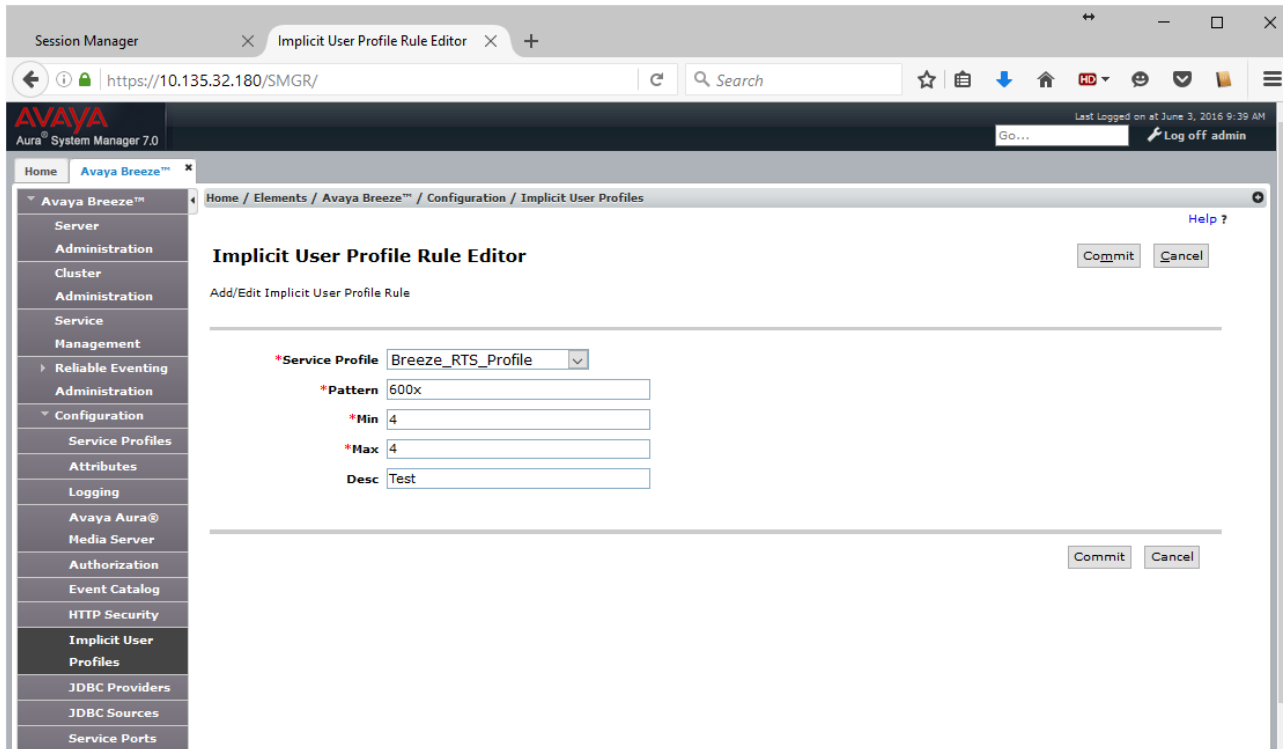
7. Type a description for the rule.

You can provide a description of the group of users the rule defines.

8. Click **Commit** to save your changes.

### Example

In this routing example, create an implicit user profile that matches the implicit user rule that you created on the Avaya Aura® System Manager.



### Related links

[Sample routing configuration](#) on page 36

# Chapter 9: Upgrading an independent System Manager configuration

## Upgrade checklist

Complete the tasks in this checklist to upgrade Avaya Breeze® platform in a configuration with an independent System Manager.

No.	Task	Reference/Notes	✓
1.	Verify that the Avaya Breeze® platform System Manager is upgraded and administered with patches applied.	If running System Manager Release 8.0.1.2, you must install the Avaya Breeze® platform Element Manager using the <code>upgradeSolution</code> utility from the latest System Manager hot fix. See <a href="#">Deploying Avaya Breeze® platform</a> .	
2.	Upgrade the Avaya Aura® Media Server.	For information about upgrading Avaya Aura® Media Server, see <i>Implementing and Administering Avaya Aura® Media Server</i> , and <a href="#">Upgrading Avaya Breeze® platform</a> . Due to certificate management, your Avaya Aura® Media Server must be registered in DNS. If you do not use DNS, contact Avaya support for assistance.	
3.	Upgrade Avaya Breeze® platform providing the Avaya Breeze® platform System Manager IP address if needed.	Follow upgrade procedures in <a href="#">Upgrading Avaya Breeze® platform</a> .	
4.	On the Avaya Breeze® platform System Manager verify the TLS version support.	<a href="#">Verifying the TLS version</a> on page 21	
5.	Install a new Avaya Aura® Media Server license file.	<a href="#">Licensing the Avaya Aura Media Server</a> on page 14, <a href="#">Installing the Avaya Aura Media Server license file</a> on page 15	

Table continues...

## Upgrading an independent System Manager configuration

No.	Task	Reference/Notes	✓
6.	Install the Avaya Breeze® platform license file, if needed.	<a href="#">Installing the Avaya Breeze platform license file</a> on page 15  Upgrading Avaya Breeze® platform to Release 3.9 does not require a new Avaya Breeze® platform license file. However, if you are upgrading System Manager to higher versions, you must install a new Avaya Breeze® platform license, unless you use SDM client for the System Manager upgrade.	
Complete the following steps on the Avaya Aura® Media Server.			
7.	Verify that Avaya Aura® Media Server is administered for REST.	<a href="#">Administering Avaya Aura Media Server for REST</a> on page 26  Avaya Aura® Media Server must be enrolled on System Manager. For additional information, see the System Manager enrollment section in <i>Implementing and Administering Avaya Aura® Media Server</i> .	
8.	Verify Avaya Aura® Media Server is assigned for use with Avaya Breeze® platform.	<a href="#">Assigning Avaya Aura Media Server for use with Avaya Breeze platform</a> on page 28	
9.	Verify SIP and SRTP administration.	<a href="#">SIPS and SRTP on Avaya Aura Media Server</a> on page 28	
10.	Verify digit relay settings.	<a href="#">Enabling and configuring digit relay settings</a> on page 29	
Verify or complete the following steps for certificate management among the components.			
11.	Install the Avaya Aura® System Manager Root CA certificate on each Avaya Breeze® platform node. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	<a href="#">Installing the Avaya Aura System Manager certificate on Avaya Breeze platform</a> on page 31	
12.	Install the Avaya Breeze® platform System Manager Root CA certificate on Session Manager. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	<a href="#">Installing the Avaya Breeze platform System Manager certificate on Session Manager</a> on page 32	
13.	Install the Avaya Aura® System Manager Root CA certificate on Avaya Aura® Media Server. If you are using a third-party CA, install that CA certificate instead of the System Manager CA.	<a href="#">Installing the System Manager certificate on Avaya Aura Media Server</a> on page 33	

# Chapter 10: Additional information

The following resources provide additional information.

## Related links

[Documentation](#) on page 43

[Training](#) on page 47

[Avaya Breeze platform videos](#) on page 48

[Viewing Avaya Mentor videos](#) on page 49

[Developer resources](#) on page 49

[Support](#) on page 50

---

## Documentation

See the following related documents at <https://support.avaya.com>. Many documents are also available at <https://documentation.avaya.com>.

### Overview

Title	Use this document to:	Audience
<a href="#">Avaya Breeze® platform Overview and Specification</a>	Understand the Avaya Breeze® platform, customer requirements, and design considerations.	Sales engineers Programmers System administrators Services and support personnel
<i>Avaya Aura® System Manager Overview and Specification</i>	Understand System Manager customer requirements and design considerations.	Sales engineers Programmers System administrators Services and support personnel

*Table continues...*

Title	Use this document to:	Audience
<i>Avaya Aura® Media Server Overview and Specification</i>	Understand Avaya Aura® Media Server customer requirements and design considerations.	Sales engineers Programmers System administrators Services and support personnel

## Deploying

Title	Use this document to:	Audience
<a href="#">Deploying Avaya Breeze® platform</a>	Deploy and configure Avaya Breeze® platform. This is the main deployment document for Avaya Breeze® platform. The deployment documents for other environments are listed below.	Implementation engineers Support personnel System administrators
<a href="#">Deploying Avaya OneCloud™ CPaaS-enabled Avaya Breeze® platform</a>	Deploy Avaya OneCloud™ CPaaS-enabled Avaya Breeze® platform.	Implementation engineers Support personnel System administrators
<a href="#">Quick Start to deploying the HelloWorld Snap-in</a>	Install, configure, and test an Avaya Breeze® platform snap-in service, specifically the HelloWorld call intercept snap-in.	Programmers System administrators
<i>Planning for Deploying Avaya Aura® applications</i>	Understand deployment options for various Avaya Aura® applications.	Services and support personnel System administrators
<i>Deploying and Updating Avaya Aura® Media Server Appliance</i>	Deploy and configure Avaya Aura® Media Server when it is installed on customer-provided servers.	System administrators Services and support personnel
<i>Deploying Avaya Aura® System Manager in Infrastructure as a Service Environment</i>	Deploy and configure Avaya Aura® System Manager in an IaaS environment.  A separate document is also available for deploying System Manager in a virtualized environment.	System administrators Services and support personnel

## Administering

Title	Use this document to:	Audience
<a href="#">Administering Avaya Breeze® platform</a>	Administer Avaya Breeze® platform and snap-ins.	System Administrators Services and Support personnel

*Table continues...*

<b>Title</b>	<b>Use this document to:</b>	<b>Audience</b>
<i>Implementing and Administering Avaya Aura® Media Server</i>	Deploy and configure Avaya Aura® Media Server.	System administrators Services and support personnel
<i>Administering Avaya Aura® System Manager</i>	Administer Avaya Aura® System Manager.	System Administrators Services and support personnel
<i>Administering Avaya Aura® Session Manager</i>	Administer Avaya Aura® Session Manager.	System Administrators Services and support personnel
<i>Administering Avaya Session Border Controller</i>	Administer Avaya SBC.	System Administrators Services and support personnel

### Maintaining and troubleshooting

<b>Title</b>	<b>Use this document to:</b>	<b>Audience</b>
<a href="#">Upgrading Avaya Breeze® platform</a>	Upgrade Avaya Breeze® platform.	Services and support personnel
<a href="#">Maintaining and Troubleshooting Avaya Breeze® platform</a>	Troubleshoot Avaya Breeze® platform.	Services and support personnel System administrators
<i>Troubleshooting Avaya Aura® System Manager</i>	Troubleshoot System Manager.	Services and support personnel
<i>Troubleshooting Avaya Aura® Session Manager</i>	Troubleshoot Avaya Aura® Session Manager.	Services and support personnel

### Programming

The following developer documents are available on [Avaya DevConnect](#) .

<b>Title</b>	<b>Use this document to:</b>	<b>Audience</b>
<i>Getting Started with the Avaya Breeze® platform SDK</i>	Deploy and configure the Eclipse IDE, Apache Maven, and the Avaya Breeze® platform SDK.	Programmers
<i>Avaya Breeze® platform Snap-in Development Guide</i>	Understand the key concepts needed to develop the different types of Avaya Breeze® platform snap-ins.	Programmers
<i>Avaya Breeze® platform FAQ and Troubleshooting for Snap-in Developers</i>	Troubleshoot Avaya Breeze® platform snap-in developer issues.	Programmers
<i>Avaya Breeze® platform API Javadocs</i>	Understand API classes and uses.	Programmers

## Related links


[Additional information](#) on page 43

[Finding documents on the Avaya Support website](#) on page 46

[Avaya Documentation Center navigation](#) on page 46

## Finding documents on the Avaya Support website

### Procedure

1. Go to <https://support.avaya.com>.
2. To log in, click **Sign In** at the top of the screen and then enter your login credentials when prompted.
3. Click **Product Support > Documents**.
4. In **Search Product**, start typing the product name and then select the appropriate product from the list displayed.
5. In **Select Release**, select the appropriate release number.  
This field is not available if there is only one release for the product.
6. **(Optional)** In **Enter Keyword**, type keywords for your search.
7. From the **Select Content Type** list, select one or more content types.  
For example, if you only want to see user guides, click **User Guides** in the **Select Content Type** list.
8. Click  to display the search results.

## Related links

[Documentation](#) on page 43

## Avaya Documentation Center navigation

For some programs, the latest customer documentation is now available on the Avaya Documentation Center website at <https://documentation.avaya.com>.

### Important:

For documents that are not available on Avaya Documentation Center, click **More Sites > Support** on the top menu to open <https://support.avaya.com>.

Using the Avaya Documentation Center, you can:

- Search for keywords.  
To filter by product, click **Filters** and select a product.
- Search for documents.

From **Products & Solutions**, select a solution category and product, and then select the appropriate document from the list.

- Sort documents on the search results page.
- Click **Languages** (🌐) to change the display language and view localized documents.
- Publish a PDF of the current section in a document, the section and its subsections, or the entire document.
- Add content to your collection using **My Docs** (☆).

Navigate to the **Manage Content > My Docs** menu, and do any of the following:

- Create, rename, and delete a collection.
  - Add topics from various documents to a collection.
  - Save a PDF of the selected content in a collection and download it to your computer.
  - Share content in a collection with others through email.
  - Receive collection that others have shared with you.
- Add yourself as a watcher using the **Watch** icon (👁️).

Navigate to the **Manage Content > Watchlist** menu, and do the following:

- Enable **Include in email notification** to receive email alerts.
- Unwatch selected content, all content in a document, or all content on the Watch list page.

As a watcher, you are notified when content is updated or deleted from a document, or the document is removed from the website.

- Share a section on social media platforms, such as Facebook, LinkedIn, and Twitter.
- Send feedback on a section and rate the content.

**\* Note:**

Some functionality is only available when you log in to the website. The available functionality depends on your role.

### Related links

[Documentation](#) on page 43

---

## Training

The following courses are available on the Avaya Learning website at <https://www.avaya-learning.com>. After logging in to the website, enter the course code or the course title in the **Search** field, and click **Go** to search for the course.

Course code	Course title
43750W	Selling Avaya Custom and Integration Solutions

*Table continues...*

Course code	Course title
30210W	Avaya Breeze® platform Overview for Design
30810W	Designing the Avaya Breeze® Solution Part 1 of 2
30820W	Designing the Avaya Breeze® Solution Part 2 of 2
39220W	Avaya Breeze® Release 3.8 Details for Pre-Sales
39240W	Avaya Breeze® UC Snap-ins Release 3.8 Details for Pre-Sales
2016W	Avaya Breeze® platform Fundamentals
20240W	Programming Avaya Breeze® platform Snap-ins Using Java SDK
20250W	Creating Avaya Breeze® platform Workflows Using Engagement Designer
20260W	Creating Advanced Avaya Breeze® platform Workflows Using Engagement Designer
7016W	Avaya Breeze® platform Implementation and Support
71300V	Integrating Avaya Aura® Communication Applications
72300V	Supporting Avaya Aura® Communication Applications

### Related links

[Additional information](#) on page 43

---

## Avaya Breeze® platform videos

Avaya Breeze® platform provides the following videos to help in the development and deployment of snap-ins. Access these videos at <https://www.avaya.com/breezedevolver>.

Title	Audience
Getting Started with the Avaya Breeze® platform SDK: Windows	Programmers
Getting Started with the Avaya Breeze® platform SDK: Linux	Programmers
Creating Your First Service — Part 1	Programmers
Creating Your First Service — Part 2	Programmers
Server Installation and Configuration with vCenter	System Administrators, Services, and Support personnel
Server Installation and Configuration without vCenter	System Administrators, Services, and Support personnel
Service Installation, Configuration, and Test	Programmers
Understanding the Hello Sample Service	Programmers
Understanding the Multi-Channel Broadcast Sample Service	Programmers
Understanding the Whitelist Sample Service	Programmers

### Related links

[Additional information](#) on page 43

---

## Viewing Avaya Mentor videos

Avaya Mentor videos provide technical content on how to install, configure, and troubleshoot Avaya products.

### About this task

Videos are available on the Avaya Support website, listed under the video document type, and on the Avaya-run channel on YouTube.

- To find videos on the Avaya Support website, go to <https://support.avaya.com/> and do one of the following:
  - In **Search**, type `Avaya Mentor Videos`, click **Clear All** and select **Video** in the **Select Content Type**.
  - In **Search**, type the product name. On the Search Results page, click **Clear All** and select **Video** in the **Select Content Type**.

The **Video** content type is displayed only when videos are available for that product.

In the right pane, the page displays a list of available videos.

- To find the Avaya Mentor videos on YouTube, go to [www.youtube.com/AvayaMentor](http://www.youtube.com/AvayaMentor) and do one of the following:
  - Enter a keyword or keywords in the **Search Channel** to search for a specific product or topic.
  - Scroll down Playlists, and click a topic name to see the list of videos available. For example, Contact Centers.

 **Note:**

Videos are not available for all products.

### Related links

[Additional information](#) on page 43

---

## Developer resources

Avaya DevConnect provides resources for Avaya Breeze® platform developers.

You must register to access the DevConnect website.

Basic DevConnect membership is free and gives you access to the following information and resources:

- Programming and product documentation
- Sample applications
- Videos

- Webinar recordings
- Forums

Upgraded membership options offer developer-oriented technical support and other program services.

Use a browser to navigate to the Avaya Breeze® platform DevConnect website at <https://www.avaya.com/breezedevconnect>.

### Related links

[Additional information](#) on page 43

---

## Support

### Platform support

Go to the Avaya Support website at <https://support.avaya.com/> for the most up-to-date documentation and product notices. You can also search for release notes, service packs, and patches. Use the online service request system to create a service request. Chat with live agents to get answers to questions, or request an agent to connect you to a support team if an issue requires additional expertise.

Product documentation is also available on the Avaya Documentation Center at <https://documentation.avaya.com>.

### Developer support

Go to the Avaya DevConnect website at <http://www.avaya.com/breezedevconnect> to access the Avaya Breeze® platform API, SDK, sample applications, developer-oriented technical documentation, and training materials.

### Related links

[Additional information](#) on page 43

[Using the Avaya InSite Knowledge Base](#) on page 50

## Using the Avaya InSite Knowledge Base

The Avaya InSite Knowledge Base is a web-based search engine that provides:

- Up-to-date troubleshooting procedures and technical tips
- Information about service packs
- Access to customer and technical documentation
- Information about training and certification programs
- Links to other pertinent information

If you are an authorized Avaya Partner or a current Avaya customer with a support contract, you can access the Knowledge Base without extra cost. You must have a login account and a valid Sold-To number.

Use the Avaya InSite Knowledge Base for any potential solutions to problems.

1. Go to <https://support.avaya.com>.
2. At the top of the screen, click **Sign In**.
3. Type your **EMAIL ADDRESS** and click **Next**.
4. Enter your **PASSWORD** and click **Sign On**.  
The system displays the Avaya Support page.
5. Click **Support by Product > Product-specific Support**.
6. In **Enter Product Name**, enter the product, and press `Enter`.
7. Select the product from the list, and select a release.
8. Click the **Technical Solutions** tab to see articles.
9. Select **Related Information**.

#### Related links

[Support](#) on page 50

# Index

## A

accepting new service .....	<a href="#">21</a>
administering	
Avaya Breeze® platform .....	<a href="#">17</a>
application sequences	
creating .....	<a href="#">36</a>
assigning	
media server .....	<a href="#">28</a>
assigning to users	
service profile .....	<a href="#">39</a>
Avaya Aura Media Server	
adding the System Manager IP address .....	<a href="#">25</a>
licensing .....	<a href="#">14</a>

## C

certificate management .....	<a href="#">31</a>
Avaya Aura Media Server .....	<a href="#">33</a>
Avaya Aura System Manager .....	<a href="#">31</a>
Avaya Breeze platform System Manager .....	<a href="#">32</a>
legacy System Manager .....	<a href="#">33</a>
Session Manager .....	<a href="#">32</a>
checklist	
configuration .....	<a href="#">11</a>
upgrade .....	<a href="#">41</a>
cluster	
accepting new service .....	<a href="#">21</a>
clusters	
create .....	<a href="#">18</a>
new .....	<a href="#">18</a>
view .....	<a href="#">18</a>
view attributes .....	<a href="#">18</a>
collection	
delete .....	<a href="#">46</a>
edit name .....	<a href="#">46</a>
generating PDF .....	<a href="#">46</a>
sharing content .....	<a href="#">46</a>
content	
publishing PDF output .....	<a href="#">46</a>
searching .....	<a href="#">46</a>
sharing .....	<a href="#">46</a>
sort by last updated .....	<a href="#">46</a>
watching for updates .....	<a href="#">46</a>
creating	
application .....	<a href="#">36</a>
application sequence .....	<a href="#">36</a>
creating a new cluster .....	<a href="#">18</a>
creating a virtual SIP entity	
session manager .....	<a href="#">16</a>

## D

DevConnect .....	<a href="#">49</a>
document changes .....	<a href="#">8</a>
documentation center .....	<a href="#">46</a>
finding content .....	<a href="#">46</a>
navigation .....	<a href="#">46</a>
documentation portal .....	<a href="#">46</a>
finding content .....	<a href="#">46</a>
navigation .....	<a href="#">46</a>

## E

Engagement Call Control .....	<a href="#">9</a>
entity link	
verification .....	<a href="#">34</a>

## F

finding content on documentation center .....	<a href="#">46</a>
---	--------------------

## I

implicit users applications for SIP users .....	<a href="#">24</a>
InSite Knowledge Base .....	<a href="#">50</a>

## L

license file install	
Avaya Aura Media Server .....	<a href="#">15</a>
Avaya Breeze® platform .....	<a href="#">15</a>
licensing	
Avaya Aura Media Server .....	<a href="#">14</a>
file install .....	<a href="#">14</a>

## M

management link verification .....	<a href="#">22</a>
My Docs .....	<a href="#">46</a>

## P

prerequisites .....	<a href="#">7</a>
---------------------	-------------------

## R

replication status verification .....	<a href="#">35</a>
REST .....	<a href="#">26</a>
routing calls	
example .....	<a href="#">36</a>

## S

searching for content .....	<a href="#">46</a>
service profile	
adding services .....	<a href="#">38</a>
assigning to users .....	<a href="#">39</a>
creating .....	<a href="#">38</a>
selecting a service version .....	<a href="#">38</a>
services	
adding to a service profile .....	<a href="#">38</a>
selecting a version for a service profile .....	<a href="#">38</a>
sharing content .....	<a href="#">46</a>
SIP entity	
Avaya Breeze® platform .....	<a href="#">16</a>
Collaboration Environment .....	<a href="#">23</a>
SIPS .....	<a href="#">28</a>
sort documents by last updated .....	<a href="#">46</a>
SRTP .....	<a href="#">28</a>
support .....	<a href="#">50</a>
System Manager compatibility .....	<a href="#">9</a>
System Manager IP address for AAMS .....	<a href="#">25</a>

## T

TLS .....	<a href="#">21</a>
training .....	<a href="#">47</a>

## U

upgradeSolution script	
System Manager .....	<a href="#">9</a>

## V

verification	
entity link .....	<a href="#">34</a>
management link .....	<a href="#">22</a>
replication status .....	<a href="#">35</a>
videos .....	<a href="#">49</a>
viewing cluster attributes .....	<a href="#">18</a>

## W

watch list .....	<a href="#">46</a>
------------------	--------------------